



Express Mail Label No.: EV312711584US

Attorney Docket No.: 23239-201NATL

Date of Deposit: September 29, 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Breaker et al.

SERIAL NUMBER: 09/830,905

EXAMINER: Sean McGarry

FILING DATE: August 8, 2001

ART UNIT: 1635

FOR: MULTIDOMAIN POLYNUCLEOTIDE MOLECULAR SENSORS

MAIL STOP AMENDMENT

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Boston, Massachusetts

September 29, 2004

RESPONSE AND AMENDMENT

This Response and Amendment is submitted in response to the Office Action mailed April 2, 2004 in the above-identified patent application. With a three month extension, this response is due on or before October 2, 2004. Submitted herewith is a Petition for a Three Month Extension of Time, along with the appropriate fee under 37 C.F.R. §1.17(a). Applicants believe no additional fees are due in connection with this filing. However, the Commissioner is hereby authorized to charge any additional fees that may be due, or credit any overpayment of same, to Deposit Account No. 50-0311, Reference No. 23239-201 NATL.

Please amend the above-identified application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 5 of this paper.